

Jenkins, Ray (DEQ)

From:

Summers, James P. [James.Summers@gapac.com]

Sent:

Monday, June 20, 2011 12:48 PM

To: Cc: Jenkins, Ray (DEQ) Cohen, Tamira (DEQ)

Subject:

RE: VPDES Permit Renewal Application for Skippers VA0059072

Attachments:

Pages from Skippers VPDES Permit No VA0059072 Renewal Application - 6-7-10 - EPAForm3510-2C_FINAL_Updated 6-8-11.pdf; Pages from Skippers VPDES Permit No VA0059072 Renewal Application - 11-23-10 Update - EPAForm3510-2F FINAL Updated

6-8-11.pdf; Skippers Water Flow Chart Updated 6-8-11.doc

Ray -

Here are the updated forms and other information requested. I apologize for the delay – I was on vacation last week. Please let me know if you have any questions and if you need any additional information.

Thanks,

Jimmy

Jimmy Summers
Regional Environmental Manager - OSB/SWP
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From: Jenkins, Ray (DEQ) [mailto:Ray.Jenkins@deq.virginia.gov]

Sent: Wednesday, June 08, 2011 3:31 PM

To: Summers, James P. **Cc:** Cohen, Tamira (DEQ)

Subject: VPDES Permit Renewal Application for Skippers VA0059072

Thanks for your time this morning answering my questions regarding the subject application.

We agreed that the following revisions would be made to the application:

- 1. Form 2C, page 1, question II.B: The storm water flow will be revised to be consistent with the storm water flow reported in Form 2F. The flow reported in 2F is the estimated flow associated with the sampling event to complete Form 2F. (It is noted that a runoff coefficient of 0.9 was used in the calculation for Form 2F versus a coefficient of 0.51 for 2C.)
- 2. Form 2C, page 2, question II.C: The flows reported here for building washdown will be reconciled with the flow reported in II.B.
- 3. The Flow Chart will be revised as follows:
 - a. The reuse flow from the Recycle Basin to the Fire Pond will be identified (or footnoted) as the surface water withdrawal that is mentioned at another point in the application (last page of application preceding the Stormwater Site Plan). (Regarding sources of water for the process, you explained to me that the five "water use" wells shown on the Stormwater Site Plan provided water

to the mill prior to getting County water to the site. Those wells still exist but are not in use, as indicated on the Plan.)

- b. Arrows leaving the "Outfall 001/901" box will be added and appropriate flows shown for Outfalls 001 and 901.
- c. The variable flows reported in question II.B will be referenced on the Flow Chart, probably by footnote. These are small flows that could be shown at numerous locations on the Flow Chart. We agreed that a note identifying these discharges as small and not significantly affecting the overall flow volumes would be adequate.
- 4. Form 2F, question VII.A will be revised to show a single pH value of 7.0 SU.

Electronic submittal of revised pages is acceptable. Please submit the revised pages by June 17, 2011.

Thanks

Ray R. Jenkins, Jr. Environmental Engineer Senior Telephone: 804/527-5037

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Fax: 804/527-5106

EPA I.D. NUMBER (copy from Item 1 of Form 1)

VAD988220836

Form Approved. OMB No. 2040-0086. Approval expires 3-31-98.

Please print or type in the unshaded areas only.

PORM SEPA

U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS

Consolidated Permits Program

I. OUTFALL LOCATION								
For each outfall, list the	latitude and	longitude of it	s location to t	he nearest 15	seconds an	d the name of	f the receiving water.	
A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE				
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)	
001	36	33	03	77	31	31	Unnamed tributary to Fontaine Creek	
1			: I			I	1	

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-	2. OPERATION(S) CON	TRIBUTING FLOW	3. TREATMENT					
FALL NO. (<i>list</i>)	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1				
001	Two Natural Springs	15.850 GPD	Screening, Reuse	1-T	4-C			
	Contaminated Spring/French Drain*	17,600 GPD	Oil/Water Separator	1-T	4-C			
	Building Washdown	2,650 GPD	Screening	1-T				
	Stormwater **	1,703,026 GPD	Screening	1-T				
	Fire fighting and fire line [lushing	Varies	Screening	1-T				
	Potable water line flushing	Varies	Screening	1-T				
	Uncont. air cond./compressor disch.	Varies	Screening	1-T				
	Trrigation/Landscape Drainage	Varies	Screening	1-T				
		-		<u> </u>				
	* - French Drain was set up to		** - Stormwater estimate based on flow calculated for 2010 sampling event (10-25-10),					
	collect discharge from contaminated		a runoff coefficient of 0.9, and an Area of 101 acres. See Form 2F for calculations.	·				
	spring when facility was built. Oil							
ĺ	water separator is located at the							
	exit of the French Drain.				•••			

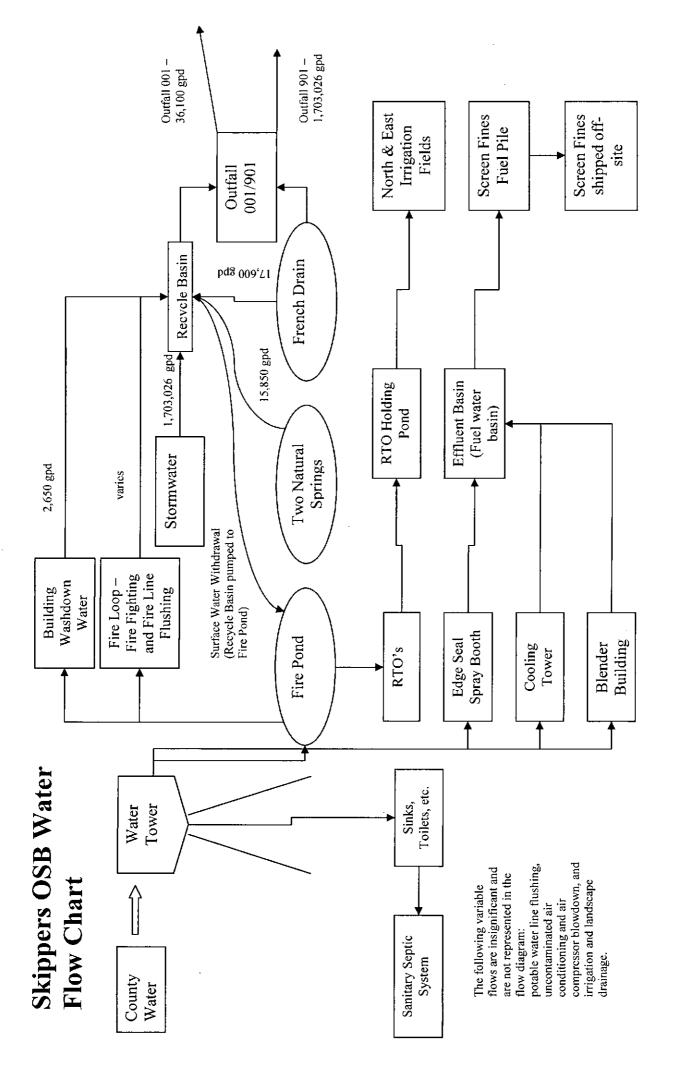
OFFICIAL	LISE ONLY (effluent midelines sub-categorie	lo						

OFFICIAL USE ONLY (effluent guidelines sub-categories)

CONTINUED FROM THE FRONT C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? YES (complete the following table) NO (go to Section III) 3. FREQUENCY 4. FLOW B. TOTAL VOLUME a. DAYS PER a. FLOW RATE (in mgd) 2. OPERATION(s) CONTRIBUTING FLOW b. MONTHS (specify with units) 1. OUTFALL (specify average) C DURATION PER YEAR 1. LONG TERM 2. MAXIMUM 1. LONG TERM 2. MAXIMUM NUMBER (fist) (specify average) (list) (in days) AVERAGE AVERAGE DAILY DAILY 001 Building Washdown 12 0.00265 0.0048 0.00265 52 0.0048 MGD MGD III. PRODUCTION A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? YES (complete Item III-B) NO (go to Section IV) B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? YES (complete Item III-C) NO (go to Section IV) C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls. 1. AVERAGE DAILY PRODUCTION 2. AFFECTED OUTFALLS c. OPERATION, PRODUCT, MATERIAL, ETC. a. QUANTITY PER DAY b. UNITS OF MEASURE (list outfall numbers) (specify) IV. IMPROVEMENTS A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions. YES (complete the following table) NO (go to Item IV-B) 1. IDENTIFICATION OF CONDITION 2. AFFECTED OUTFALLS 4. FINAL COMPLIANCE DATE 3. BRIEF DESCRIPTION OF PROJECT AGREEMENT, ETC. b. SOURCE OF DISCHARGE a. REQUIRED b. PROJECTED B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

EPA Form 3510-2C (8-90) PAGE 2 of 4 CONTINUE ON PAGE 3

MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED



VII. Discharge information (Continued from page 3 of Form 2F)

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

		ium Values ude units)	1	erage Values iclude units)	Number		
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes Flow-Weighted Composite		Grab Sample Taken During First 20 Flow-Weighted Minutes Composite		of Storm Events Sampled	Sources of Pollutants	
Oil and Grease	<10 mg/L	N/A	<10 mg/L	n/A	1	See Worksheet 2	
Biological Oxygen Demand (BOD5)	16.0 mg/L (Gr)	14.8 mg/L (Co)	11.3 mg/L	14.8 mg/L (Co)	2 Gr/1 Co	See Wrksht 2, Gr = Grab, Co = Comp.	
Chemical Oxygen Demand (COD)	176 mg/L	189 mg/L	175 mg/L	189 mg/L	1	See Worksheet 2	
Total Suspended Solids (TSS)	11.8 mg/L	25.1 mg/L	9.2 mg/L	25.1 mg/L	2G/1C	See Worksheet 2	
Total Nitrogen	2.5 mg/L	2.7 mg/L	2.5 mg/L	2.7 mg/L	1	See Worksheet 2	
Total Phosphorus	0.26 mg/L	0.26 mg/L	0.26 mg/L	0.26 mg/L	1	See Worksheet 2	
pН	Minimum 7.0	Maximum 7.0	Minimum 7.0	Maximum 7.0	1	See Worksheet 2	

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

	Maximum Values (include units)		Ave (ir	erage Values sclude units)	Number	
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	of Storm Events Sampled	Sources of Pollutants
Zinc, Dissolved	0.0423 mg/L	0.0466 mg/L	0.0423 mg/L	0.0466 mg/L	1	See Worksheet 2
ТРН	1.6 mg/L	0.8 mg/L	1.6 mg/L	0.8 mg/L	1	See Worksheet 2
Barium, Total	0.0819 mg/L	0.0673 mg/L	0.0819 mg/L	0.0673 mg/L	1	See Worksheet 2
Iron, Total	5.48 mg/L	4.41 mg/L	5.48 mg/L	4.41 mg/L	1	See Worksheet 2
Magnesium, Tota	3.32 mg/L	2.61 mg/L	3.32 mg/L	2.61 mg/L	1	See Worksheet 2
Manganese, Tota	0.3822 mg/L	0.2787 mg/L	0.3822 mg/L	0.2787 mg/L	1	See Worksheet 2
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